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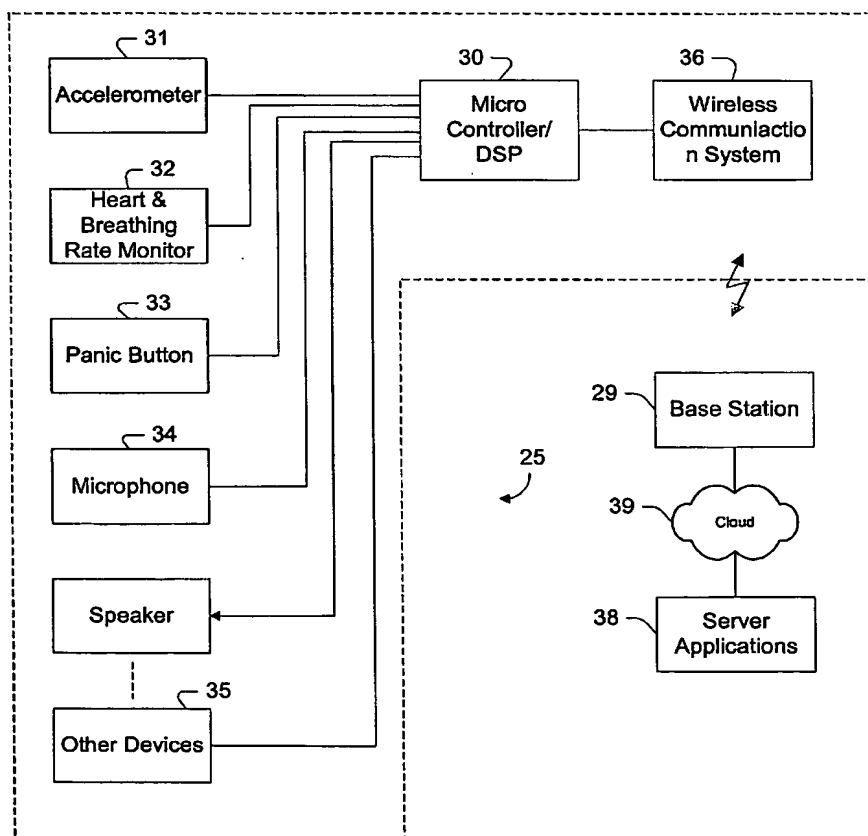
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(54) Title: MICROWAVE BASED MONITORING SYSTEM AND METHOD



(57) Abstract: A device for monitoring fluctuations in an opaque body (20), the device including: (a) at least one low power microwave emitter (26) for locating adjacent the opaque body (20); (b) a microwave detector (27) for detecting fluctuations in the scattering characteristics from the opaque body (20); (c) a signal processing means (30) for analysing fluctuations from the body (20) so as to thereby derive characteristics about the body (20).



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